

South African Power Distribution Box Company



Overview

Shop a wide range of high-quality electrical distribution boards, enclosures, motor control centers, and meter boxes at DBSA Store.

Key Takeaways

South Africa offers a range of locally manufactured and imported power distribution boxes and PLC enclosures, compliant with IEC standards and suitable for industrial, commercial, and residential applications. Local Manufacturers and Suppliers



Allbro is a leading South African manufacturer of non-metallic enclosures, including distribution boxes and junction boxes. They produce brands such as York, Okari, Enlec, Utilec, PSO1, and PSO2, all designed to withstand harsh local conditions and manufactured to international standards. Staro Electrical Systems specializes in assembling electrical panels, including Multi-Tier LV MCC, distribution boards, and PLC enclosures. Their modular systems comply with IEC 61439 standards for low-voltage switchgear and control gear assemblies. They offer custom busbar profiling, containerized MCC solutions, and tested systems up to 6300 Amps, certified by DEKRA and SABS 60439. CEDSA (Consolidated Electrical Distributor) provides imported and locally sourced low-voltage electrical products, including power distribution systems, industrial control, automation, and PLC enclosures. They represent brands like ABB, TOSUNlux, Horizon, Stone Stamcor, and Uniclamp, offering technical support and panel builder network services for design and manufacturing. Megadrive Automation offers turnkey solutions from PLC systems, motor control centers (MCCs), and distribution boards to containerized modules. They provide integrated project delivery, including ERP interfaces, PLC networks, and custom enclosures, suitable for diverse industries such as mining, manufacturing, and food processing.

Standards and Compliance

Most South African suppliers ensure that their distribution boxes and PLC enclosures meet IEC 61439 standards for low-voltage switchgear and control gear assemblies. Products are often tested for short-circuit withstand capacity, peak current, and durability under local environmental conditions. ISO 9001:2015 quality standards and SABS approvals are common among reputable manufacturers.

Key Considerations

- **Material:** Non-metallic enclosures are widely used for corrosion resistance, while metallic enclosures are preferred for high mechanical strength.
- **Customization:** Many suppliers offer tailor-made solutions, including busbar configurations, containerized modules, and PLC integration.
- **Turnkey Solutions:** Companies like Megadrive and CEDSA provide end-to-end services, from design and assembly to installation and technical support.
- **Application:** Suitable for industrial plants, commercial buildings, renewable energy systems, and remote installations requiring robust, tested enclosures. South Africa's market provides both locally manufactured and imported options, ensuring compliance with international standards while addressing the specific environmental and operational challenges of the region.

Article Content

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Electrical enclosure & distribution equipment, manufactured to SABS provisions and standards.

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Power Process Systems is an enclosure and electrical distribution equipment manufacturer. We have a

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Brands like York, Okari, Enlec, Utilec ©, PSO1 and PSO2 are well known in the South African market and are all solely manufactured

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Twodigits supplies a range of domestic populated and unpopulated electrical distribution boards (also

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Distribution Board Manufacturers | Medium Voltage

The company undertakes the manufacture of a comprehensive range of low and medium voltage

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